

Converting Colors

$Yxy(50.3747, 0.3028, 0.3205)$

Have a look what the booklet for
Yxy(50.3747, 0.3028, 0.3205)
contains.

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Color

Yxy(50.4480, 0.3026, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	B7BDC4
RGB	183, 189, 196
RGB Percent	72%, 74%, 77%
CMY	0.2824, 0.2588, 0.2313
CMYK	0.07, 0.04, 0.00, 0.23
HSL	212°, 10%, 74%
HSV	212°, 7%, 77%
XYZ	47.6900, 50.4480, 59.4628
YIQ	188.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

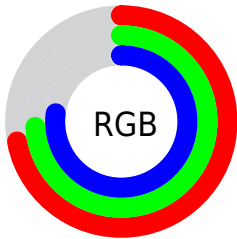
Format	Color
R _Y B	183, 187, 196
Decimal	12041668
CIE Lab	76.34, -0.72, -4.26
CIE LCh	76, 4.325, 260.432
Yxy	50.4480, 0.3026, 0.3201
Android (android.graphics.Color)	4290231748 (0xFFB7BDC4)
YUV	188.0040, 3.9420, -4.3885
Hunter-Lab	71.0268, -4.4453, 0.0818

Details

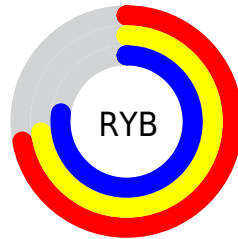
The Yxy color **50.4480, 0.3026, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9889, 0.3231, 0.3377**, and the grayscale version is **50.2724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7474, 0.3042, 0.3211**, and **24.3071, 0.3001, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **43.8336, 0.2868, 0.3054**, and if you desaturate by 10%, it is **57.7320, 0.3177, 0.3332**.

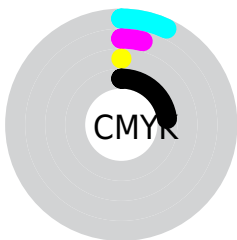
Distribution



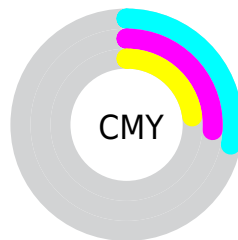
- Red (72%)
- Green (74%)
- Blue (77%)



- Red (72%)
- Yellow (73%)
- Blue (77%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4480, 0.3026, 0.3201 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 50.4480, 0.3026, 0.3201 by changing the saturation by 10% instead.

■ 50.4480, 0.3026,
0.3201

■ 50.4480, 0.3026,
0.3201

388.4153, 0.3076,
0.3245

■ 35.7695, 0.3014,
0.3190

■ 90.8383, 0.3044,
0.3217

■ 24.2562, 0.2998,
0.3176

117.3189, 0.3051,
0.3223

■ 15.5238, 0.2978,
0.3158

148.5023, 0.3057,
0.3228

■ 9.1878, 0.2949,
0.3133

184.7729, 0.3061,
0.3232

■ 4.8639, 0.2908,
0.3096

226.5151, 0.3066,
0.3236

■ 2.1676, 0.2841,
0.3036

274.1133, 0.3070,

■ 0.7023, 0.2687,

0.3239

0.2904

327.9519, 0.3073,
0.3242

0.0000, 0.0000,
0.0000

50.4480, 0.3026,
0.3201

50.4480, 0.3026,
0.3201

43.8336, 0.2868,
0.3054

57.7320, 0.3177,
0.3332

37.8618, 0.2704,
0.2891

65.6990, 0.3319,
0.3449

32.5127, 0.2538,
0.2713

74.3700, 0.3451,
0.3551

27.7629, 0.2374,
0.2521

82.5288, 0.3528,
0.3646

23.5875, 0.2216,
0.2318

88.6257, 0.3505,
0.3747

■ 19.9592, 0.2071,
0.2110

■ 95.0853, 0.3483,
0.3845

■ 16.8481, 0.1943,
0.1900

■ 96.7667, 0.3478,
0.3870

■ 14.2203, 0.1838,
0.1697

■ 12.0333, 0.1758,
0.1506

Harmonies

Analogous

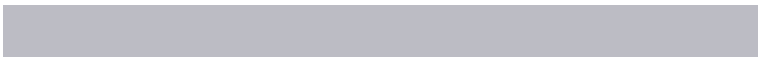
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.4480, 0.3013, 0.3237



50.4480, 0.3026, 0.3201



50.4480, 0.3066, 0.3189

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.4480, 0.3026, 0.3201



50.4480, 0.3225, 0.3292



50.4480, 0.3131, 0.3378

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.4480, 0.3026, 0.3201



51.9889, 0.3231, 0.3377

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.4480, 0.3188, 0.3393



50.4480, 0.3026, 0.3201



50.4480, 0.3243, 0.3342

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.4480, 0.3026, 0.3201



50.4480, 0.3181, 0.3241



50.4480, 0.3229, 0.3379



50.4480, 0.3073, 0.3340

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.4480, 0.3026, 0.3201



50.4480, 0.3103, 0.3196



50.4480, 0.3229, 0.3379



50.4480, 0.3151, 0.3386

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.4501, 0.3026, 0.3201



97.3056, 0.3097, 0.3264



53.2725, 0.3069, 0.3367



20.8557, 0.3098, 0.3265



0.0000, 0.0000, 0.0000



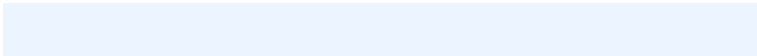
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.4501, 0.3026, 0.3201



89.5237, 0.3003, 0.3180



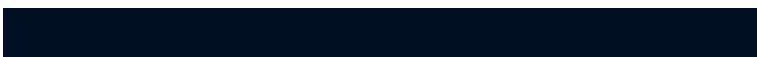
47.9689, 0.3030, 0.3124



10.4968, 0.2984, 0.3163



7.4761, 0.1742, 0.1470



0.4608, 0.1861, 0.1898

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.2763, 0.3190, 0.3215



86.9803, 0.3205, 0.3199



54.5907, 0.3221, 0.3451



10.1535, 0.3218, 0.3184



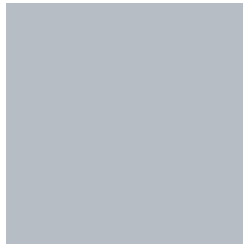
8.0370, 0.5099, 0.2582



0.3612, 0.4570, 0.2291

Previews

White Background



This preview shows how the Yxy color 50.4480, 0.3026, 0.3201 looks on a white background.

Color Contrast Check

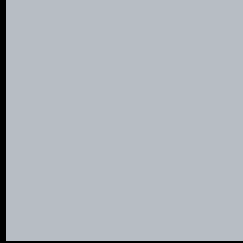
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 50.4480, 0.3026, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

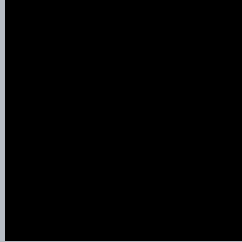
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

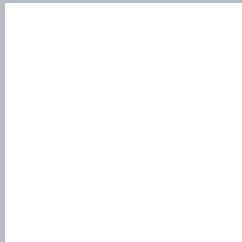
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4480, 0.3026, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 50.4480, 0.3026, 0.3201.



This preview shows how white text looks on a background with the Yxy color 50.4480, 0.3026, 0.3201.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.4480, 0.3026, 0.3201

Protanopia

50.2996, 0.3083, 0.3190

Deuteranopia

50.4547, 0.3177, 0.3121



Tritanopia

50.4686, 0.2983, 0.3102

Trichromacy



Original Color

50.4480, 0.3026, 0.3201

Protanomaly

50.4714, 0.3066, 0.3202

Deuteranomaly

50.3312, 0.3117, 0.3142

Tritanomaly

50.3269, 0.3005, 0.3139

Monochromacy



Original Color

50.4480, 0.3026, 0.3201

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1671, 0.3088, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4480, 0.3026, 0.3201 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 189, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 189, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.4480, 0.3026, 0.3201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 189, 196) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 189, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 189, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 189, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 189,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4480, 0.3026, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 189, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
189, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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